



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: P. REDDY and B.D. RASMUSSEN

Serial No.: 10/663,853

Group Art Unit No.: 1645

Filed: September 16, 2003

Examiner: Unknown

For: METHODS FOR PRODUCING PROTEINS IN CULTURED CELLS

Docket No.: 3226-A

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

As a means of complying with the duty of disclosure under 37 CFR 1.97 and 1.98, applicants submit a "List of References Cited by Applicant" on a modified PTO-1449 form and provides a copy of each of the listed references for consideration by the Examiner.

The information disclosure statement submitted herewith is being filed before the mailing date of a first Office action on the merits. 37 CFR 1.97(b).

Applicants request consideration of this information and passage of the application to issue.

The Commissioner is hereby authorized to charge any filing fees which may be required or credit any overpayment to Deposit Account No. 09-0089 in the name of Immunex Corporation.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

May 5, 2004

Date

Signature

Modified Form PTO-1449

MAY 9 2004

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No. 3226-A

Serial No. 10/663,853

Applicant P. REDDY and B.D. RASMUSSEN

Filing Date 09/16/2003

Group 1645

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1	2002/0114809	08/22/02	Rubinfeld et al.			
	A2	5,503,975	04/02/96	Smith et al.			
	A3	6,184,211	02/06/01	Szyf			
	A4	6,268,137	07/31/01	Szyf et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	B1	EP 0 287 128 A1	10/19/88	Europe			
	B2	WO 99/12027	03/11/99	PCT			

OTHER DOCUMENTS (Including Publisher, Author, Title, Date, Pertinent Pages, Etc.)

	C1	Alexeeva I et al., "6-Azacytidine - compound with wide spectrum of antiviral activity," <i>Nucleosides Nucleotides Nucleic Acids</i> 2001; 20(4-7):1147-1152.
	C2	Alexeeva I et al., "N ₄ -amino-acid derivatives of 6-azacytidine: structure-activity relationship," <i>Acta Biochim Pol</i> 2000; 47(1):95-101.
	C3	Bolden A et al., "DNA methylation. Inhibition of <i>de novo</i> and maintenance methylation <i>in vitro</i> by RNA and synthetic polynucleotides," <i>J Biol Chem</i> 1984; 259(20):12437-12443.
	C4	Broday L et al., "5-Azacytidine induces transgene silencing by DNA methylation in Chinese hamster cells," <i>Mol Cell Biol</i> 1999; 19(4):3198-3204.
	C5	Christman JK et al., "Correlation between hypomethylation of DNA and expression of globin genes in friend erythroleukemia cells," <i>Eur J Biochem</i> 1977; 81:53-61.
	C6	Di Ianni M et al., "In vivo demethylation of a MoMuLV retroviral vector expressing the herpes simplex thymidine kinase suicide gene by 5' azacytidine," <i>Stem Cells</i> 2000; 18:415-421.
	C7	Frostesjo L et al., "Interference with DNA methyltransferase activity and genome methylation during F9 teratocarcinoma stem cell differentiation induced by polyamine depletion," <i>J Biol Chem</i> 1997; 272(7):4359-4366.
	C8	Heby O, "DNA methylation and polyamines in embryonic development and cancer," <i>Int J Dev Biol</i> 1995; 39:737-757.
	C9	Izbicka E et al., "5,6 dihydro-5'-azacytidine (DHAC) restores androgen responsiveness in androgen-insensitive prostate cancer cells," <i>Anticancer Res</i> 1999; 19:1285-1292.
	C10	Izbicka E et al., "5,6-dihydro-5'-azacytidine (DHAC) affects estrogen sensitivity in estrogen-refractory human breast carcinoma cell lines," <i>Anticancer Res</i> 1999; 19:1293-1298.

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Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4 Not in file

Modified Form PTO-1449		Atty. Docket No. 3226-A	Serial No. 10/663,853
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		Applicant P. REDDY and B.D. RASMUSSEN	
		Filing Date 09/16/2003	Group 1645

EXAMINER'S INITIALS	OTHER DOCUMENTS (Including Publisher, Author, Title, Date, Pertinent Pages, Etc.)		
	C11	Jones PA, "Altering gene expression with 5-azacytidine," <i>Cell</i> 1985; 40:485-486.	
	C12	Jones PA and Taylor SM, "Cellular differentiation, cytidine analogs and DNA methylation," <i>Cell</i> 1980; 20:85-93.	
	C13	Kissil JL et al., "DAP-kinase loss of expression in various carcinoma and B-cell lymphoma cell lines: possible implications for role as tumor suppressor gene," <i>Oncogene</i> 1997; 15:403-407.	
	C14	Konieczny SF and Emerson, CP Jr., "5-azacytidine induction of stable mesodermal stem cell lineages from 10T1/2 cells: evidence for regulatory genes controlling determination," <i>Cell</i> 1984; 38:791-800.	
	C15	Kusaba H et al., "Association of 5' CpG demethylation and altered chromatin structure in the promoter region with transcriptional activation of the multidrug resistance 1 gene in human cancer cells," <i>Eur J Biochem</i> 1999; 262:924-932.	
	C16	McIntosh LP et al., "Synthesis and characterization of poly[d(G-z ⁵ C)]. B-Z transition and inhibition of DNA methylase," <i>Biochemistry</i> 1985; 24:4806-4814.	
	C17	Motoji T et al., "The effect of 5-azacytidine and its analogues on blast cell renewal in acute myeloblastic leukemia," <i>Blood</i> 1985; 65(4):894-901.	
	C18	Nakayama H et al., "Possible involvement of DNA methylation in 5-azacytidine-induced neuronal cell apoptosis," <i>Histol Histopathol</i> 1999; 14:143-150.	
	C19	Otterson GA et al., "CDKN2 gene silencing in lung cancer by DNA hypermethylation and kinetics of p16 ^{INK4} protein induction by 5-aza 2'deoxyctydine," <i>Oncogene</i> 1995; 11:1211-1216.	
	C20	Qian X et al., "DNA methylation regulates p27 ^{Kip1} expression in rodent pituitary cell lines," <i>Am J Pathol</i> 1998; 153(5):1475-1482.	
	C21	Singal R et al., "Cytosine methylation represses glutathione S-transferase P1 (GSTP1) gene expression in human prostate cancer cells," <i>Cancer Res</i> 2001; 61:4820-4826.	
	C22	Soulantas P et al., "Modulation of human DNA methyltransferase activity and mRNA levels in the monoblast cell line U937 induced to differentiate with dibutyryl cyclic AMP and phorbol ester," <i>J Mol Endocrinol</i> 1993; 11:191-200.	
	C23	Stopper H et al., "Micronuclei induced by modulators of methylation: analogs of 5-azacytidine," <i>Carcinogenesis</i> 1995; 16(7):1647-1650.	
	C24	Szyf M et al., "Induction of myogenic differentiation by an expression vector encoding the DNA methyltransferase cDNA sequence in the antisense orientation," <i>J Biol Chem</i> 1992; 267(18):12831-12836.	
	C25	Takebayashi S-i et al., "5-aza-2' -deoxycytidine induces histone hyperacetylation of mouse centromeric heterochromatin by a mechanism independent of DNA demethylation," <i>Biochem Biophys Res Commun</i> 2001; 288:921-926.	
	C26	Wilson VL and Jones PA, "Inhibition of DNA methylation by chemical carcinogens in vitro," <i>Cell</i> 1983; 32:239-246.	
EXAMINER:		Date Considered:	

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